

Substitute form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Complete if Known	
				Application Number	new
				Filing Date	September 22, 2000
				First Named Inventor	Charles Jay Alpert et al
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				Examiner Name	n/a
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1c542 U.S. PTO
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U.S. PATENT DOCUMENTS				
Examiner Initials	IDS Doc #	U.S. Patent Document Number	Name of Patentee or Applicant	Date of Publication MM-DD-YYYY

FOREIGN PATENT DOCUMENTS						
Examiner Initials	IDS Doc #	Office	Foreign Patent Document Number	Name of Patentee or Applicant	Date of Publication MM-DD-YYYY	English Translation

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	IDS Doc #	Include the name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	English Translation
meH	AA	B. TUTUIANU, F. DARTU, and L. PILEGGI; "An Explicit RC-Circuit Delay Approximation Based on the First Three Moments of the Impulse Response"; <i>IEEE/ACM Design Automation Conference</i> ; 1996; pp. 611-616; Las Vegas, NV, USA	
meH	AB	P.R. O'BRIEN, and T.L. SAVARINO; "Modeling the Driving-Point Characteristic of Resistive Interconnect for Accurate Delay Estimation"; <i>IEEE</i> , 1989; pp. 512-515.	
meH	AC	J. QIAN, S. PULLELA, and L. PILLAGE; "Modeling the 'Effective Capacitance' for the RC Interconnect of CMOS Gates"; <i>IEEE Transaction on Computer-Aided Design of Integrated Circuits and Systems</i> , 1994, pp. 1526-1535, Vol. 13, No. 12.	
meH	AD	R. KAY, and L. PILEGGI; "PRIMO: Probability Interpretation of Moments for Delay Calculation"; <i>Carnegie Mellon University, Dept. of ECE, Pittsburgh PA.</i> , pp. 1-20.	
meH	AE	L.T. PILLAGE, and R.A. ROHRER; "Asymptotic Waveform Evaluation for Timing Analysis"; <i>IEEE Transaction on Computer-Aided Design</i> , 1990, pp. 352-366, Vol. 9, No. 4.	
meH	AF	A.B. KAHNG, and S. MUDDU; "An Analytical Delay Model for RLC Interconnects"; <i>IEEE Transaction on Computer-Aided Design of Integrated Circuits and Systems</i> ; 1997, pp. 1507-1514, Vol. 16, No. 12.	
meH	AG	C.J. ALPERT, A. DEVGAN, and C. KASHYAP; "A Two Moment RC Delay Metric for Performance Optimization"; 2000.	
meH	AH	W.C. ELMORE; "The Transient Response of Damped Linear Networks with Particular Regard to Wideband Amplifiers"; <i>University of California, Los Alamos Scientific Laboratory, Santa Fe, New Mexico</i> ; 1948, pp. 55-63, Vol. 19, January 1948.	

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
met	AI	L. PILEGGI; "Timing Metrics for Physical Design of Deep Submicron Technologies"; Department of Electrical and Computer Engineering, Carnegie Mellon University, Monterey, CA, 1998, pp. 28-33	
met	AJ	J. RUBINSTEIN, P. PENFIELD, JR., and M.A. HOROWITZ; "Signal Delay in RC Tree Networks"; <i>IEEE</i> , 1983, pp. 202-210.	
met	AK	R. GUPTA, B. KRAUTER, B. TUTUIANU, J. WILLIS and L.T. PILEGGI; "The Elmore Delay as a Bound for RC Trees with Generalized Input Signals"; <i>The University of Texas at Austin, Department of Electrical and Computer Engineering, Austin, Texas; 32nd Design Automation Conference</i> , 1995, pp. 364-369.	
met	AL	T. LIN, E. ACAR, and L. PILEGGI; "H-GAMMA: An RC Delay Metric Based on a Gamma Distribution Approximation of the Homogeneous Response"; pp. 1-8.	

Examiner Signature		Date Considered	08/12, 2004
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.